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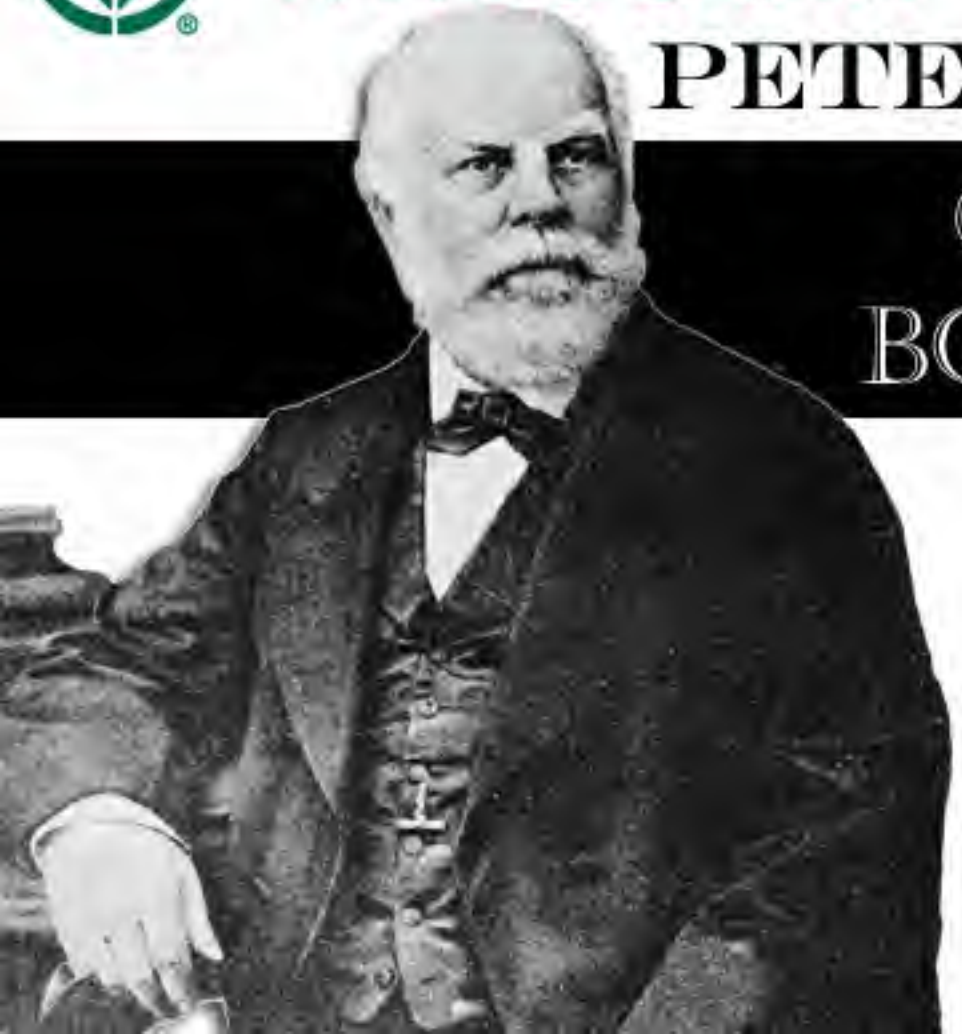

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Mr Schotten 181 3 Ceda

St. Louis Mo. February 20 1865.

George Engelmann M. D.

Dear Sir.

There will be a stated Meeting held
of the Board of Trustees of the St. Louis
College of Pharmacy on Tuesday the 28th
at 7½ P.M. in the Hall

6420

Cupuliferae (Fagaceae)

Quercus Lin. DC Prod XVI. 2. p. 2 — 281 sp.

p. 3. Sect. I. Lepidobalanus — 183 sp.

p. 4 §. 1. Ovula abortiva infera. Maturatio fructus annua. — 78 sp.

× Arbores foliis pro tempore orbatae — 51 sp.

A Gerontogeae — 19 sp.

p. 19. B Americanae. — 32 sp.

20. Q. lyrata. 21 Q. macrocarpa. 22 Q. oliviformis 23 Q. bicolor

p. 21 24 Q. prinos. 25 Q. stellata 26 Q. alba 27 Q. undulata

p. 23 28 Q. Douglasii 29 Q. lobata 30 Q. Garryana 31 Q. Drummondii

p. 31 ×× Arbores sempervirentes — 27 sp.

A. Americanae — 20 sp.

61 Q. grisea 58 reticulata

p. 36 64 Q. oblongifolia 65 Q. pungens 66 Q. Berberidifolia

67 Q. hastata (68 Q. agrifolia) (69 Q. chrysolepis)

p. 37 70 Q. virens

p. 38 B Gerontogeae. Q. Ilex. Q. suber. — 7 sp.

p. 41 §. 2. Ovula abortiva infera. Maturatio fructus biennis — 34 sp.

× Arbores foliis pro tempore orbatae. Gerontogeae Q. Cerris — 1 sp.

p. 43 ×× Sempervirentes Q. Ilex — 33 sp.

A Gerontogeae Q. Pseudosuber, occidentalis, Persica, Libani — 28 sp.

p. 56 B Americanae Mexicanae 69 Q. chrysolepis — 5 sp.

p. 58 §. 3 Ovula abortiva supera { Mat fr. annua 68 Q. agrifolia 145 Q. pumila, Maturatio fructus biennis, (Americanae) — 35 sp.

* Arbores foliis pro tempore orbatae — 17 sp.

113 Q. palustris 114. Q. ilicifolia 115 Q. Catesbaei

p. 60 116 Q. rubra 117 Q. palustris 118 Q. Georgiana

p. 61 119 Q. coccinea 120 Q. Sonomensis 121 Q. Leana

p. 63 123 Q. Phellos 124 Q. imbricaria 125 Q. nigra

p. 65 ** Sempervirentes — 18 sp.

132 Q. Wislizeni

p. 67 133 Q. aquatica 145 Q. cinerea 147 conspicua ?

C. laurifolia, myrtifolia & heterophylla — Q. pumila

p. 71 §. 4. Ovula et Maturatio fructus incognita. — 36 sp.

A. Americanae — 29 sp.

148 Q. sinuata 169 Q. Morehus

p. 80 B Gerontogeae — 7 sp.

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Quercus

p. 81 Sect. II. Androgyne — 1. Spec.

p. 82 — 184 Q. densiflora

Sect III. Pasania (Sempervirentes, Asiaticae) — 23 spec

§ 1. Folia integra — § 2. Folia dentata

p. 91 Sect IV. Cyclobalanus (Asiaticae semperviretes) — 46 Sp.

p. 102 Sect. V. Chlamydobalanus (Asiaticae semperviretes) — 6 Sp.

p. 104 Sect VI Lithocarpus (Asiato sempervirent) — 1 Sp.

p. 105 Dubiae Asiaticae — 21 Sp.

p. 109 Castanopsis Spach — 14 sp

2. C. chrysophylla

p. 113 Castanea Tourn Lin. — 6 Sp.

1 C. vulgaris var Americana — 2 C. pumila

p. 117 Fagus Tourn Lin — 16 sp

1 F. ferruginea

Quercus Spec. Bor. Americanae — 36

Orientales 23 } 36

Occidentales 13 }

Geontogeae nro. 1–19, 22–107, 177–183 , 19, 36, 7 = 62 } 159

Asiae meridionalis 185–281 97

Americanae 20–71, 108–176, 184 52, 69, 1 = 122

Flor. Am. bor. orientalis

– – – occidentalis

Flor Mexic.

Centrali Americ & austr.

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hCh9

THIRD YEAR.

Assaying—Lectures and laboratory practice; ores of lead, silver, gold, tin, antimony, copper, nickel, cobalt, and mercury; and gold and silver bullion.

Economic Geology—Theory of mineral veins; ores; deposits and distribution of metals; iron, copper, lead, etc.; character, history, uses, and distribution of coal, lignite, peat, petroleum, salt, clays, building and ornamental stones, fertilizers, etc.

Metallurgy—Lectures on copper, lead, silver, gold, zinc, etc.

Quantitative Analysis—Laboratory practice.

Lithology—The character and genesis of rock masses; microscopic and chemical study of rocks.

Drawing—Furnaces, machines, etc.

Project—Dissertation and drawings, embracing the solution of a metallurgical problem, assigned by the Faculty of the School

DEGREE OF BACHELOR OF PHILOSOPHY.

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IV.—COURSE IN GEOLOGY AND NATURAL HISTORY.

FIRST YEAR.

Descriptive Geometry—Lectures and exercises.
Shades, Shadows, and Perspective—Lectures and exercises.
Chemistry, inorganic and organic—Lectures and recitations.
Stoichiometry—Lectures and blackboard exercises.
Qualitative Analysis—Lectures and laboratory practice.
Crystallography—Lectures and practical exercises.
Blowpipe Analysis, qualitative—Lectures and laboratory practice.
Botany—recent and fossil.
Zoology—recent and fossil.
French.
German.
Drawing—Use of instruments; problems in descriptive geometry, shades, shadows, and perspective.

GARL... PARK...

MISSOU... GEORGE...

SUMMER VACATION.

MEMOIR AND JOURNAL OF TRAVEL.

SECOND YEAR.

Quantitative Analysis—Lectures and laboratory practice.
Blowpipe Analysis, quantitative—Lectures and laboratory practice.
Mineralogy—Determinative mineralogy, and blowpipe examination of minerals.
Metallurgy—General processes, fuels, furnaces, iron and steel.
Geology—Lithological, cosmical, physiographic, historic, and dynamic.
Drawing.

[SUMMER VACATION.

MEMOIR AND JOURNAL OF TRAVEL.

THIRD YEAR.

Economic Geology—Theory of mineral veins; ores; deposits and distribution of metals; iron, copper, lead, etc.; character, history, uses, and distribution of

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~~Gelasia p. 2~~

Sect. I ~~Leprobolanus p. 3~~

p. 33. G. retiolata HDK var Greggii (380.

p. 35 — G. microphylla Nee Wrlig. (234.

~~p. 67 G. Wrlig. A DC. — Coriacea. —~~

~~p. 24 G. lobata Cav. Wrlig.~~

(p. 26 G. aegyptia)

Wright.		oblongifolia			
		Greg.	1866. 667.		
		Pringle	664.		
7.	5	Berlandier	1868.	1	183
1	6	Hartweg	1865	Fremont 3.	1
13	1			3	23
1	1			4	46
				5	6
				6	1
				Del	21
22	13				281

63 microphylla var nitida Greg. 296

South-West Corner of Fifth and Market Streets.
DEPOSITORY
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Robur L. 1

Robur β L = 1. subsp. I α

racemosa Lam = 1. subsp. I. α

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1848/9 Greggi Decemy

296 Quercus fm. Arena vista Greg & Bourn
280 " Encino — San Antonio " "
q. reticulata HBK var greggii " fm " i Mt. Poistion "

638 a. Real del Monte G Det
6. " "
c. " "

703. Lesma " "
722 Jordan "
724 "
976 White oak with yg acorns Mtns east
977 Black oak ditto of Saltillo
near Lepiz

Coll. 1847

222. Monterey
223. "
318 Bum vista
319 "
514 " Objito near Chihuahua

WRE 234
Conjunct
Q. montana

Pringle
Parker

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names

Sept 1869

Species of Juncus omitted (Hb. Kew mem.

in DeCandolle Prodromus.

J. echinarea Torr Rep. Whipp. Exp. 81

J. crassipoula Torr. Rep Williamson

cum etc

J. fulvescens Kellogg = J. chrysolepis Liebm.

J. Emoryi Torr. Em Rep. 201. t. 9

includes J. panagensis Lieb

& J. hastatis Liebm.

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Bot Board has: £. 205-7
for 11 March.

Quercus Gambelii Nutt. Fendl 806-809: 810.

Q. tinctoria var California = Kelloggii Newb.
= sonomensis Benth

Q. undulata Torr. (805 & 807 Fendl)

Q virens

Q. Emoryi (Q. prinoides & hastata Liebm) (both very small fig)

Q. coccinea foliis = Q. grisea fide Torr
Hv. 1866 Bot Bd

Q. Chrysolepis = crassipocula Torr
falcata → Kellogg

Q. dumosa Nutt Sylva. Torr. Bot Bd

Q. acutidens Torr Bot Bd

Q. rotundifolia Hook K.
Chinese fide Liebm.

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OF
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4 Foza
75 Sabea
104 coccinea
7 Aloe
maculata
iberica
carinata
91 perfoliata
95 Libanii
p. 18 inflatorii
81 acuminata
p. 6 fasciata
p. 6 plicatilis & variegata fida v. appendix pp. p. 9. & variegata p. 10
79 Cerii
Aegyptia
Hispanica Gibbaldiana
aegyptiaca foliis
80 pseudoaloe
95 Libanii
p. 19 Burbeckiana
19 Lucitanica hybr
? Japonica
Tournefortii
1 Heterophylla
1 Dodecandra

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at the close of the Fair they will be securely packed and returned to the owners.

Articles *donated* to our Special Department may be anything which will come under any of the heads enumerated above, which can be sold for the benefit of the fund, even if of trifling value.

There is scarcely a family in the land which cannot spare some little article of ornament or value from their parlors or libraries, especially when donated for the enlargement of the fund to afford relief and give comfort to our noble band of citizen soldiers, who are offering up their life s blood on the battle-field, or more sadly, in the hospitals, for us and for our posterity, in their efforts to save our country and perpetuate the free institutions and the free government confided to us by our fathers.

To the kind hearts and willing hands of the Ladies we especially appeal for a response to our call. Even the "little ones at home" can add their mite.

To Western men in the Eastern cities, and to the friends of the soldier everywhere, we also appeal for co-operation and assistance, they can do much for the cause, if not in contributions of materials for the Fair, at least in donations of money, which can be addressed to ROBERT W. BURNET, Treasurer.

All contributions should be labelled with the name and residence of the donor or exhibitor, carefully packed and addressed to the "*Committee on Relics, Sanitary Fair, Mozart Hall, Cincinnati, Ohio.*" Heavy articles should be sent by freight lines; lighter and more valuable packages by Express. The various Railroad and Steamboat lines centering in Cincinnati, and all of the Express Companies, have liberally offered to transport articles to and from the Fair *free of charge.*

Whatever is done, let it be done *quickly.*

"Every man according as he purposeth in his heart, so let him give; not grudgingly—for God loveth a cheerful giver."

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T. T. KECKELER, Secretary.

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Oak Leaf Specimens

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pedunculata Chth. 1. subsp I. α

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